

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16 (Cancelled)

17. (Currently Amended) A compressor, comprising:

a compression mechanism that draws, compresses and discharges refrigerant;

a reservoir for storing liquid for lubricating the compression mechanism;

a housing that contains the compression mechanism and the reservoir; and

a refrigerant go-around passage for introducing the refrigerant discharged from the compression mechanism into the housing via a refrigerant introducing port, the refrigerant go-around passage being spaced from and surrounding a structure which surrounds an axial line of the compressor, making the refrigerant [[go]] being directed around [[an]] the axial line of the compressor and ~~returning the refrigerant~~ returned to a discharge-port side of the housing via a refrigerant returning port, while separating the liquid from the refrigerant by centrifugation or by centrifugation and collision,

wherein a liquid returning port is provided for returning the separated liquid into the housing in a wall of a mid part of the refrigerant go-around passage in such a manner that the liquid returning port has an orientation that has a component in a direction of gravity and that is deviated from a traveling direction of the refrigerant.

18. (Previously Presented) The compressor of claim 17,
wherein the refrigerant introducing port is provided in an upper portion of the housing;
wherein the refrigerant returning port is provided in the upper portion of the housing; and
wherein the wall of the mid part is provided in a lower part of the refrigerant go-around passage.

19. (Currently Amended) The compressor according to claim 17,
wherein the refrigerant go-around passage is arranged on ~~[[the]]~~ a same plane.

20. (Previously Presented) The compressor according to claim 17,
wherein the refrigerant go-around passage is provided at a discharge-port side end of the housing.

21. (Previously Presented) The compressor according to claim 17,
wherein the refrigerant go-around passage is constituted by a concave streak and a lid for covering the concave streak, the concave streak being formed on a substrate attached to the housing or to an end wall of the housing.

22. (Previously Presented) The compressor according to claim 21,
wherein the substrate is attached to the housing together with the lid.

23. (Previously Presented) The compressor according to claim 17,
wherein each of the refrigerant introducing port, the refrigerant returning port, and
the liquid returning port is provided at at least one position in the traveling direction of
the refrigerant.

24. (Previously Presented) The compressor according to claim 17,
wherein a guide for collecting the refrigerant to direct the collected refrigerant
into the refrigerant introducing port is provided in the refrigerant introducing port.

25. (Previously Presented) The compressor according to claim 17, further
comprising:
an electric motor that is housed in the housing and that drives the compression
mechanism.

26. (Previously Presented) The compressor according to claim 18,
wherein the refrigerant go-around passage is arranged on a plane.

27. (New) The compressor according to claim 18,
wherein the refrigerant go-around passage is provided at a discharge-port side end
of the housing.

28. (Previously Presented) The compressor according to claim 18, the refrigerant

go-around passage being constituted by a concave streak and a lid for covering the concave streak, the concave streak being formed on a substrate attached to the housing or to an end wall of the housing.

29. (Previously Presented) The compressor according to claim 28,
wherein the substrate is attached to the housing together with the lid.

30. (Previously Presented) The compressor according to claim 18,
wherein each of the refrigerant introducing port, the refrigerant returning port, and the liquid returning port is provided at at least one position in the traveling direction of the refrigerant.

31. (Previously Presented) The compressor according to claim 18,
wherein a guide for collecting the refrigerant to direct the collected refrigerant into the refrigerant introducing port is provided in the refrigerant introducing port.

32. (Previously Presented) The compressor according to claim 18, further comprising:
an electric motor that drives the compression mechanism and that is housed in the housing.

33. (Previously Presented) The compressor according to claim 17,
wherein the refrigerant go-around passage is provided in the housing.

34. (Previously Presented) The compressor according to claim 17,
wherein a cross-sectional area of the refrigerant go-around passage is substantially
uniform.